1ST & Final Bill

BR No-150 6/1/2023

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

SBR No-150 6/1/2023.

No:

Date:

Division: **R.R Nagar** Electrical

Sub- Division: **R.R Nagar, Electrical**

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate): **Replacement of damaged UG Cable, Panel Board, poles and fittings etc at parks and play grounds comes under ward No.-16,37,38 and 42 Of RR Nagara Zone.**

Name of Contractor and Full Adress: **M/S Prashanth Electricals, Prop. Cheluvaraj P C, No.63, 19th main Muneshwara Block Avalahalli Bangalore-560026.**

Work order No : EE/ELE/RRN/W.O/ 27 /2022-2 Dtd:20/04/2022

Reference to Agreement :27/2022-23 Dtd:20/04/2022

Budget Head: P0298

Job Code:016-22-000004

Certified that the measurements were taken by me on 14/7/2022 and recorded of page nos 371840 to 371845 of measurement Book No: 3720/2021 and that the work is satisfactorily executed.

for PRASHANTH ELECTRICALS

Partial main Invoice-1427470.
CGST@6% - 8565-00
SGST@6% - 8565-00

Contractor

Officer in charge of work

PROPRIETOR

Certified that the measurements were checked by me on.....14/7/22.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon and normal agreement signed and executed by the contractor is recorded in the office

12/8/22

ASST. EXECUTIVE ENGINEER

Sub-division Officer

II Memorandum of Payment

1) Total value of work done or supplies as per account within	₹- 1,59,877=00/-
2) Deduct amount to be held in reserve being .....percent Rs.....	
3) " Balance	
4) Deduct payment :	
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....	Adjustments Details
Amount adjusted towards cash advance recovery of	IT 1599=00/-
b) Payments cost store or other material supplied.	CGST 1427=00/-
Now made recovery amount creditable to this/ other work	SGST 1427=00/-
Amount paid on this bill cheque/cash	CBF 160=00/-
c) Balance being unpaid value of work done held in reserve	FSD —
5) Deduct cash advance made on the Office Cash Book Voucher No.....	LC 1599-00/-
dated.....less adjustments	FD —
6) Net amount due to or from contractor	C —
Unadjusted items	T 6,212=00/-
7) Advance to contractor for materials brought to site (as detailed) within	N 153665=00/-
Value of Government materials supplied	

(ELE) Raja Rajeshwari Nagar Zone
Bruhat Bengaluru Mahanagara Palike

for PRASHANTH ELECTRICALS

Contractors Signature

Received Rs.....(in words)

.....

by cash and adjustment of payment as per memorandum.

Witnesses :

1.

2.

Dated .....Signature of contractor

Paid by me by cheque No.....Dated .....

Cash Rs.....Dated.....

Passed for PROPRIETOR 1,59,877/- Only

Nett Cheque Rs. 153665/- Only

Adjustment Rs. 6,212=00/- Only

Rs in Words One lakhs fifty three thousand Six hundred Sixty five only

(For use in the office)

For PRASHANTH ELECTRICALS

Stamp

PROPRIETOR

Initials of Officer making payment

Asst Exe Engr (Ele)

Executive Engineer (Ele)

Fist & Final Bill

A Replacement of damaged UG Cable, Panel Board, poles and fittings etc at parks and play grounds comes under ward No.-16,37,38 and 42 Of RR Nagara Zone.

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurem		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 sqmm	Mtr.			95	10.0	950.00	100	950.00
2	Wiring for lighting/power circuit using one of PVC insulated 1100V grade, stranded Aluminium wire single core in open or concealed system of wiring.4 sqmm	Mtr.			75	9.0	675.00	80	675.00
3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40 Amps DP	Each			4	1200.0	4800.00	4	4800.00
4	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.60 to 70Amps	Each			4	3000.0	12000.00	4	12000.00
5	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc.,.) 3-120sec setting.	Each			4	1750.0	7000.00	4	7000.00
6	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 10 sqmm	Mtr			100	100.0	10000.00	100	10000.00
7	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. 6 sqmm to 16 sqmm	Mtr			100	5.0	500.00	100	500.00
8	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.	Mtr			78	70.0	5460.00	80	5460.00
9	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 10 sqmm	Each			20	5.0	100.00	20	100.00
10	16 sqmm	Each			12	8.0	96.00	12	96.00
11	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 63 Amps	Each			2	75.0	150.00	2	150.00

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurem		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
12	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets. 200mmx200mmx98mm	Each			5	1500.0	7500.00	5	7500.00
13	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/ clear glass material, delivering superior light output.Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB . LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Post Top Lantern with 35 watts	No			6	6000.0	36000.00	6	36000.00

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurem		Present Measurement			Total Up to dat	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
14	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Streetlight 25watts	No			15	1500.0	22500.00	15	22500.00
15	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply a) 25W 5700K suitable for outdoor LED fitting.	Each			12	1198.0	14376.00	12	14376.00
17	Fabricating supplying and mounting MS box made out â¦ SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. with Double door and Top Canopy 16SWG, 25000 sqcm Each (Dimension 900*600*214 mm)	SqCm			50000	0.35	17500.00	50000	17500.00
18	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint -40x40x6mm	mtr			10	100.0	1000.00	10	1000.00
19	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper conductor single core wire in open or concealed system of wiring as per IS-694:1990 & confirming to GTP of GROUP -B. a) 16 Sqmm	Per Mtr			8	80.0	640.00	8	640.00

	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measurem		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs ps	Qty	Cost
20	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	No			1	1500.0	1500.00	1	1500.00
	Total						142747.00		
	Add 12% GST						17130.00		
	Total Bill Amount						159877.00		
	Rupees One Lakh Fifty Nine Thousand Eight Hundred and Seventy Seven Only								

Certifiacte:

1.Certified that work is Executed Satisfactorily.

Approved:- 163219.84

ASST. ENGINEER